

Model SSDL Drum Louvers Supply Performance Data

Nom Size	Duct Velocity, Fpm Velocity Press, in wg	300	400	500	600	700	800	900	1000
9 x 6	Flow Rate, CFM	130	175	215	260	305	345	390	435
	Total Pressure, in wg	.03	.05	.08	.11	.14	.19	.24	.29
	Throw, feet	9-12-21	11-14-25	13-17-28	15-19-32	17-22-35	19-24-39	21-27-42	23-30-46
	NC	<20	<20	<20	20	25	29	33	37
30 x 6	Flow Rate, CFM	410	550	685	825	960	1100	1235	1375
	Total Pressure, in wg	.03	.05	.08	.11	.14	.19	.24	.29
	Throw, feet	20-28-43	23-32-49	27-36-54	30-40-60	34-44-65	37-49-71	42-53-77	45-57-83
	NC	<20	<20	<20	26	30	35	37	42
60 x 6	Flow Rate, CFM	815	1085	1360	1630	1900	2170	2445	2715
	Total Pressure, in wg	.03	.05	.08	.11	.14	.19	.24	.29
	Throw, feet	30-39-60	35-44-68	40-50-77	44-55-85	49-61-93	55-67-101	59-72-108	64-79-115
	NC	<20	<20	21	28	33	38	41	45
20 x 10	Flow Rate, CFM	440	585	730	880	1025	1170	1320	1465
	Total Pressure, in wg	.02	.04	.06	.09	.12	.16	.20	.24
	Throw, feet	19-28-42	23-32-48	27-36-54	30-40-61	34-45-67	38-49-74	42-53-80	46-57-85
	NC	<20	<20	20	26	32	37	41	44
35 x 10	Flow Rate, CFM	760	1010	1265	1515	1770	2020	2275	2525
	Total Pressure, in wg	.02	.04	.06	.09	.12	.16	.20	.24
	Throw, feet	27-36-58	31-41-65	36-47-73	41-53-81	46-59-88	52-65-96	56-70-104	61-76-112
	NC	<20	<20	22	29	34	39	43	47
70 x 10	Flow Rate, CFM	1500	2000	2500	3000	3500	4000	4500	5000
	Total Pressure, in wg	.02	.04	.06	.09	.12	.16	.20	.24
	Throw, feet	38-51-82	45-59-93	52-67-104	59-76-115	66-84-126	74-92-137	80-100-149	88-109-160
	NC	<20	<20	25	31	37	42	46	49
20 x 12	Flow Rate, CFM	525	700	875	1050	1225	1400	1575	1750
	Total Pressure, in wg	.02	.04	.06	.09	.12	.15	.19	.24
	Throw, feet	20-29-44	24-33-50	28-38-57	32-42-63	36-47-70	40-51-76	43-56-84	47-61-91
	NC	<20	<20	21	27	32	36	41	44
40 x 12	Flow Rate, CFM	1035	1380	1725	2065	2410	2755	3100	3445
	Total Pressure, in wg	.02	.04	.06	.09	.12	.15	.19	.24
	Throw, feet	33-45-72	39-52-82	45-59-93	51-66-103	57-74-113	63-81-124	69-89-135	76-96-146
	NC	<20	<20	24	30	34	40	43	47
70 x 12	Flow Rate, CFM	1795	2395	2995	3590	4190	4785	5385	5985
	Total Pressure, in wg	.02	.04	.06	.09	.12	.15	.19	.24
	Throw, feet	40-54-88	48-63-101	55-72-114	63-81-127	71-90-141	78-99-154	86-109-167	94-119-180
	NC	<20	<20	26	32	37	42	46	49
15 x 15	Flow Rate, CFM	500	665	830	1000	1165	1330	1500	1660
	Total Pressure, in wg	.02	.04	.05	.08	.10	.13	.17	.21
	Throw, feet	20-30-47	24-34-54	28-39-61	32-43-67	36-48-74	40-53-81	45-57-88	49-62-95
	NC	<20	<20	21	28	33	38	42	45
40 x 15	Flow Rate, CFM	1295	1725	2155	2585	3020	3450	3880	4310
	Total Pressure, in wg	.02	.04	.05	.08	.10	.13	.17	.21
	Throw, feet	33-45-76	40-53-88	43-61-99	53-68-112	60-77-120	67-85-134	74-93-145	81-102-156
	NC	<20	<20	25	32	36	42	46	49
70 x 15	Flow Rate, CFM	2245	2995	3745	4495	5240	5990	6740	7490
	Total Pressure, in wg	.02	.04	.05	.08	.10	.13	.17	.21
	Throw, feet	44-60-101	53-70-116	62-81-131	71-91-147	80-102-162	89-112-177	98-123-192	107-135-207
	NC	<20	20	27	34	39	44	48	51

- Data determined in accordance with ASHRAE Standard 70-91.
- Throw distances, in feet, to terminal velocities of 150, 100, 50 fpm, isothermal air, 0° deflection.
- NC noise criteria based on room attenuation of 10 dB, re: 10⁻¹² watts.
- Contact the factory for performance of sizes not listed.

CORRECTION FACTORS FOR 15° AND 30° DEFLECTION			
Deflection	T.P.	Throw	NC
15°	x 1.5	x .85	+ 4
30°	x 1.9	x .73	+ 9